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	CENTRAL INTELLIGENCE AGENCY 25X1 REPORT
MELLOFAX	INFORMATION REPORT CD NO.
COUNTRY	Germany (Russian Zone) DATE DISTR. 11 September 19
SUBJECT	Reconstruction of the Phosphorous Plant in the Piesteritz Nitrogen Plant NO. OF PAGES 1
PLACE ACQUIRED	NO. OF ENCLS. NO. OF ENCLS. SUPPLEMENT TO
DATE OF INFO.	DO NOT CIRCULATE
OF THE UNITED A G. S. C. 31 AND 1 OF THE CONTENTS WIGHTED BY LAY.	CORTANDS INFOCMENTION APPECTING THE MATIONAL DEFENDER PROTECTING THE MAZINGE OF THE ESPICIOLAGE AND TO SO U.S. AS ABECURED. ITS TRACERIOSCOS OF THE REVIELATION DE MAZY MARIPER TO AND INCOMPOSITION OF THIS FORM IS PRO- REPRICABLY THIS FORM IS PRODUISITED.
25X1 25X1 2.	martled by the Soviets in 1945, but is now being reconstructed in order to insure an adequate supply of phosphorus for the Soviet Zone. The reconstruction work is scheduled to require only 18 months, and scheduled monthly production of the completed plant is 3,000 tons of P ₂ O ₅ . The reconstruction of this phosphorus plant will follow the pattern of the original plant. The phosphorus plant in Georgia, U.S.A. is a copy of the criginal Piesteritz phosphorus plant. Because of the Soviet Zone steel shortage it will probably be difficult to complete the reconstruction within the scheduled time. The furnace alone will require about 5,000 tons of steel. The electrodes for the electric arc furnace will be produced by the Siemens Works in Berlin. The electrodes are to be 4 to 5 meters long and 1 meter in diameter. Difficulties will probably be encountered in the production of such electrodes because of the shortage of trained personnel in the Siemens-Plania Works. Apatite melted at a temperature of 1,800 to 2,000 degrees centigrade is used for the production of P ₂ O ₅ *
25X1 ,	Comment. The Picsteritz Nitrogen Plant is an enterprise of the SAC Flastik. The indicated monthly capacity of 3,000 tons of P ₂ 05 for the reconstructed plant would almost equal the 3,500-ton capacity the plant had at the end of the war. At the present time, the only Soviet zone plant producing phosphorus is the electro-chemical Plant in Bitterfeld which had an annual phosphorus production of about 6,000 tons in 1950. ** ** ** ** ** * ** ** ** *
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